Instruction Manual

biblio Leaf SP02

Safety Precautions

Table of Contents

Preparing for Use

Basic Operations

My Library (Electronic Books)

LISMO Book Store

Applications

Settings

Software Update

Appendix

Use only the stylus pen (provided) to operate the touch panel!
Do not use fingers or other pen-shaped objects.

au by KDDI

Preface

Thank you for buying the biblio Leaf SP02 (simply called the "product" from here on).
Before using the product, be sure to read the "Instruction Manual" (this manual) to ensure correct use. After you have finished reading this manual, be sure to store it in a safe place so that you can retrieve it whenever needed. If you lose the "Instruction Manual", contact an au shop or au Customer Service Center.

For Those Requiring an English Instruction Manual

You can download the English Manual from the au website.
Download URL: http://www.au.kddi.com/torisetsu/index.html

Safety precautions

Before you start using the product, be sure to read the "Safety Precautions" (▶P. 4) to ensure correct use.
Before you assume that the product is malfunctioning, be sure to read "Troubleshooting" (▶P. 45) in this manual and check for possible remedies.

When using the product

- Communication is not possible even inside the service area in places where the signal does not reach (e.g. tunnels and basements). Also, communication is sometimes not possible in poor reception areas. Communication is sometimes interrupted if you move into a poor reception areas during communications.
- A feature of digital communications used on the product is that consistent, high communications quality continues to be maintained down to a weak signal limit. Accordingly, communication is sometimes interrupted if this limit is reached and exceeded during communications.
- Communications on the product might possibly be monitored by a third party since it uses radio signals.
- It is presumed that the product will be used in Japan. It cannot be taken out of Japan and used abroad.
- The product is a wireless station based upon the Wireless Telegraphy Act, and so may be subject to inspection in accordance with this act.
- Take care not to inconvenience people around you when you use the product in a public place.
- When the product is used by a child, parents or guardians should thoroughly read the "Instruction Manual" (this manual) and teach the child how to use it.

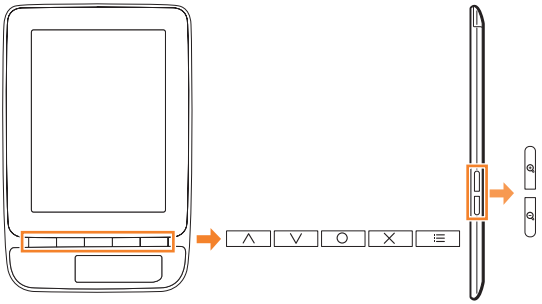
Use of the product is not allowed in the following places!

- Do not use the product while you are driving. Doing so might cause a traffic accident. Use of the product while driving is prohibited by law.
- Do not use the product in an aircraft. Use of electronic devices that emit radio waves in an aircraft is prohibited by law.

Regarding notations used in this document

Key indications used in this manual

Icons used for keys in this manual are as follows.



Indications used for the operation of selecting items/icons/buttons, etc.

Notations used for operation procedures in this manual are as follows.
"Tapping" is the action of lightly touching a button or icon indicated on the display with the tip of the stylus pen (provided) (▶P. 22).

Notation	Meaning
In the home screen, select "My Library" → ○	In the home screen, press ∧ or ∨ to select "My Library" and press ○.
☰ → select "Delete" → ○	Press ☰ to display the menu, and press ∧ or ∨ to select "Delete". Next, press ○.

* If not clearly indicated in this manual, operations using keys are described for operation procedures.

Illustrations/screen displays used in this manual

Note that illustrations and screens used in this manual may differ from those of the actual product.

memo

◎ References to "microSDHC™ memory card" and "microSD™ memory card" are simply abbreviated as "microSD card".

■ **Exemptions**

◎ The Company is not liable for any damages arising from earthquakes, lightning, storms, floods or other natural disasters, as well as fires, actions by third parties, other accidents, intentional or mistaken misoperation by the customer, or use under other unusual conditions outside the responsibility of the Company.

◎ The Company is not liable for any incidental damages (change/disappearance of described content, loss of business income, disruption of business, etc.) arising from use of or inability to use the product.

◎ The Company is not liable for any damages arising from failure to observe the described content of the "Instruction Manual" (this manual).

◎ The Company is not liable for any damages arising, for example, from malfunction caused by combination with connected devices or software not related to the Company.

◎ Data, etc. registered on the main unit or microSD card is sometimes altered or lost due to accident or faults, repair or other handling of the product. The Company is not liable for any damages arising from recovery of this data or lost income.

◎ It is recommended that important data is separately saved on a hard disk on a PC or other storage device. The Company is not liable regardless of the cause of the fault or trouble even in the event that registered information content is altered or lost.

* "The Company" as appears on the product refers to the following companies:
Sold by: KDDI CORPORATION, Okinawa Cellular Telephone Company
Imported by: KAGA ELECTRONICS CO., LTD
Manufactured by: HON HAI PRECISION IND. CO., LTD
The following shows the companies for the battery pack and AC adapter.
Battery pack
Sold by: KDDI CORPORATION, Okinawa Cellular Telephone Company
Imported by: KAGA ELECTRONICS CO., LTD
Manufactured by: McNair CO., LTD
AC adapter
Sold by: KDDI CORPORATION, Okinawa Cellular Telephone Company
Imported by: KAGA ELECTRONICS CO., LTD
Manufactured by: Shenzhen Fleet Electronic Science CO., LTD

Safety Precautions

■Be sure to read these Safety Precautions to ensure safe use.

These "Safety Precautions" describe instructions that should be observed to prevent damage to property or injury to the customer or others using the product.

These instructions are divided into the following categories.

■Explanation of indications used in this manual

⚠ DANGER	This symbol indicates the potential and imminent danger of death or serious injury (*1) to a person.
⚠ WARNING	This symbol indicates the possibility of death or serious injury (*1) to a person.
⚠ CAUTION	This symbol indicates the possibility of personal injury (*2) to a person or physical damage (*3).

*1 Serious injury: This refers to loss of sight, injury, burns (high- and low-temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or long-term hospital attendance as an outpatient.

*2 Injury: This refers to injuries, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.

*3 Physical damage: This refers to extended damage to buildings, furniture, livestock, or pets.

■Explanation of graphic symbols used in this manual

Prohibited	Indicates an action that is not allowed.
Wet hands prohibited	Indicates that handling with wet hands is not allowed.
Disassembly prohibited	Indicates that disassembly is not allowed.
Wetting with water prohibited	Indicates that use in a place where the product is likely to get wet or allowing the product to get wet is not allowed.
Instruction	Indicates an action that must be done.
Disconnect plug from power outlet	Indicates that the power plug must be disconnected from the power outlet.

Precautions common to the main unit, battery pack, charging equipment, peripheral devices

DANGER Be sure to read the following hazards before use.

Be sure to use only the exclusive peripheral devices. Use of other peripheral devices might cause overheating, fire, rupture, fault, or leakage of liquid.

Do not use or leave in places that get hot (near naked flames, near stoves, under the blazing sun, etc.) or in places where flammable gases are generated, for example, while filling up with gasoline at a gasoline stand. Doing so might cause fire, rupture, fault, or fire.

Before entering an area such as a gasoline stand where flammable gas is generated, be sure to turn the product off. Failure to do so might ignite the gas.

Do not place the product inside a microwave oven, high-pressure container, etc. Doing so might cause fire, rupture, fault, or fire.

Do not throw the product into a fire or heat it. Doing so might cause fire, rupture or fire.

Do not short-circuit the USB connector or other connection terminals. Do not allow conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside the USB connector or other connection terminals. Doing so might cause fire or a fault.

The customer is not allowed to disassemble, modify or repair the product. Doing so might cause a fault, fire, electric shock, or injury. The Company is not liable even in the event of any nonconformities arising on the product or peripheral devices as a result of modification, etc. Modification of the product is in violation of the Wireless Telegraphy Act.

WARNING Be sure to read the following warnings before use.

Do not drop or subject to strong impact, such as throwing. Doing so might cause rupture, overheating, fire, or a fault.

Do not use outside when you can hear thunder. Doing so might risk lightning strikes and electric shock.

Do not let your hands, fingers and other parts of the body touch the USB connector or other connection terminals. Doing so might cause electric shock, injury or a fault.

If the product is damaged because it is dropped or something, and its display is cracked or internal parts are exposed, do not touch the cracked display or exposed parts with your hands. Doing so might cause electric shock or injury from damaged parts. Contact an au shop or au Customer Service Center.

Do not splash with water or other liquids. Also, never use in places subject to direct splashing with water or pet urine, etc. or in humid places such as bath areas, or use with wet hands. Doing so might cause electric shock or fault from short-circuiting or corrosion of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the AC adapter's power plug. Faults caused by wetting with water or humidity are not covered by the warranty and charges will be incurred for repair.

When removing the battery cover, do not exert more than necessary force. The battery pack might jump out, for example, and cause injury or a fault.

Do not operate the product while driving an automobile or motorized bicycle, riding a bicycle or walking. Doing so may compromise traffic safety and cause an accident.

When inserting an earphone, etc. into the product, adjust the volume to the proper level.
Setting too loud a volume or using the earphone continuously for a long period of time might adversely affect your ears. Also, raising the volume too high might prevent you from hearing sounds around you, which might in turn lead to a traffic accident at a railroad crossing or pedestrian crossing.

⚠CAUTION Be sure to read the following cautions before use.

Prohibited — Do not store in places subject to direct sunlight (e.g. in automobiles), places that get hot, places that get extremely cold, and in humid or dusty places. Doing so might cause deformation or a fault.

Prohibited — Do not leave on unstable places such as rocky stands or tilting surfaces. Dropping the product may cause injury or damage. Also, pay sufficient attention to impact, etc. Do not cover or wrap in cloth or bedding. Doing so might cause fire or a fault.

Prohibited — Do not leave in places within the reach of small children. Small children might swallow small parts, etc. by mistake and choke on them, or might drop them by mistake and cause accidents or injury.

Prohibited — Do not touch the main unit or AC adapter for a long time while power is being supplied from an external source. Doing so might cause low-temperature burns.

Prohibited — Do not use power outlets or wiring apparatus beyond its rating. Also, exceeding rating, for example, by connecting multiple devices to a single power strip might cause overheating and fire.

Prohibited — Do not place near corrosive chemicals or in places where corrosive gas is generated. Doing so might cause a fault or loss of internal data.

Prohibited — Do not leave or store with the battery cover or battery pack removed from the main unit. Doing so might allow dust or other foreign objects to get inside and cause a fault.

Instruction — Do not use if there is smoke, abnormal odor or noise, excessive overheating, or other abnormalities. If an abnormality occurs, disconnect the AC adapter from the power outlet, make sure that the product is not overheating before turning the power off, and contact an au shop or au Customer Service Center. Also, if you have dropped or damaged the product, do not continue to use it in that state, and contact an au shop or au Customer Service Center.

Instruction — When adjusting the volume with an earphone, etc. inserted into the product, raise the volume a little at a time. If you raise the volume too much from the outset, sudden loud noise from the earphone, etc. might adversely affect your ears.

Instruction — If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. The materials of parts used on the product are as follows.

●biblio Leaf SP02 main unit

Location used	Material used	Surface processing
Front outer casing	PC (polycarbonate)	UV finish, matte finish
Top cover	PMMA (acrylic resin)	In mold film
Battery cover	PC (polycarbonate)	UV finish, polished coating
Back cover	PC (polycarbonate)	UV finish, polished coating
Keys	PC (polycarbonate)	UV finish, polished coating

●Stylus pen

Location used	Material used	Surface processing
Upper part of stylus	PC (polycarbonate)	UV finish, polished coating
Lower part of stylus	PC (polycarbonate) + ABS resin	UV finish, high-polished coating

●Book cover

Material used	Surface processing
PU (polyurethane)	–

●AC adapter

Material used	Surface processing
PC (polycarbonate) + ABS resin	UV finish, high-polished coating

Main unit

WARNING **Be sure to read the following warnings before use.**

Prohibited

Use of the main unit in an automobile sometimes affects on-vehicle electronic devices, though this rarely happens. If this happens, stop use since this may impair safe travel.

Prohibited

Use of electronic devices that emit radio waves in an aircraft is prohibited by law. Before boarding aircraft, turn the product off since it might interfere with the safety of operations.

Prohibited

The product sometimes affects high-precision electronic devices. So, turn it off near such devices. (Examples of electronic devices that might be affected by the product include cardiac pacemakers, hearing aids, other electronic medical devices, fire alarms, and automatic doors. If you are using an electronic medical device, contact the device manufacturer or retailer for details about the possible affect of radio waves.)

Instruction

When using the product near an implanted pacemaker, implanted cardioverter-defibrillator or other electronic medical device, radio waves might affect these units and devices. So, please observe the following.

1. Those with an implanted pacemaker or implanted cardioverter-defibrillator should carry or use the product at least 22 cm away from the pacemaker or cardioverter-defibrillator.
2. Turn the product off in crowded trains or other crowded places, since there may be people with a cardiac pacemaker or implanted cardioverter-defibrillator nearby.
3. Pay attention to the following points when using the product inside medical institutions.
   - Do not bring the product into operating theaters, intensive-care units (ICU) and coronary care units (CCU).
   - Turn the product off in hospital wards.
   - Even if you are in a lobby, etc., be sure to turn the product off when there are electronic medical devices nearby.
   - When a medical institution has laid down designated areas where use of the product is prohibited or is not allowed to be brought in, abide by the instructions of that medical institution.
4. When using electronic medical devices other than an implanted pacemaker and implanted cardioverter-defibrillator outside a medical institution (e.g. home medical treatment), check individually with the manufacturer of the electronic medical device regarding the influence of radio waves.

Instruction

Sometimes, very rarely some people demonstrate symptoms such as temporary muscle spasms, loss of consciousness, etc. by watching repeatedly flickering screens. Those with a past history of this should consult with a physician beforehand.

CAUTION **Be sure to read the following cautions before use.**

Prohibited

Do not bring the product close to magnetized objects such as cash cards, floppy disks, credit cards, and prepaid cards. Doing so might result in loss of recorded information.

Prohibited

Do not allow liquids, metal objects, burnable items, and other foreign matter to get inside the memory card slot. Failure to do so might cause fire, electric shock or a fault.

Instruction

Those with a weak heart should be careful of the volume setting. A loud volume setting might affect the heart.

Instruction

Pay attention to items becoming stuck to the main unit. The speaker uses magnets, and so thumbtacks and pins, craft knife blades, staples, and other metal objects sometimes become stuck to the main unit, and cause unexpected injury. Before using the product, be sure to check that there are no foreign objects on the speaker or other parts.

■ AC adapter

⚠ WARNING **Mishandling might cause overheating, fire, electric shock, etc. Be sure to read the following warnings before use.**

Prohibited — Do not use at other voltages than the specified power supply voltage. Doing so might cause fire, overheating, or electric shock. Use only a domestic 100 VAC power supply for use in Japan.

Instruction — Firmly insert the AC adapter's power plug into the power outlet down to the base of its pins. Incomplete insertion of the power plug might result in electric shock or fire caused by overheating and fire. Do not use damaged AC adapters or loose power outlets.

Prohibited — If you hear thunder, do not touch the AC adapter's power plug. Doing so might cause an electric shock as a result of a lightning strike.

Disconnect plug from power outlet — When the AC adapter is not to be used for a long time, disconnect the AC adapter's power plug from the power outlet. Failure to do so might cause electric shock, fire or a fault.

Wetting with water prohibited — Do not use in places subject to direct splashing with water, pet urine or other liquids. Doing so might result in faults resulting from overheating, fire, electric shock, or short-circuiting of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the AC adapter's power plug.

⚠ CAUTION **Mishandling might cause overheating, fire, electric shock, etc. Be sure to read the following cautions before use.**

Wetting with water prohibited — Do not use in humid places such as bath areas, or connect/disconnect the AC adapter with wet hands. Doing so might cause electric shock or a fault.

Handling precautions

These precautions are provided to ensure that performance can be fully demonstrated.
Thoroughly read these precautions to ensure correct use.

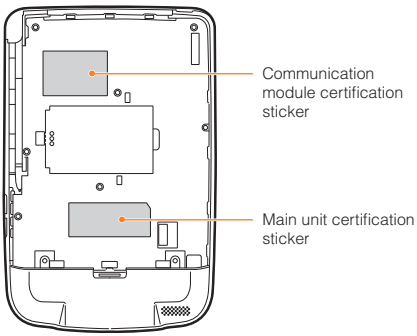
■ Precautions common to the main unit, battery pack, charging equipment, peripheral devices

- Exerting unnecessary force on the product might damage the display, internal PCBs and other components, and result in a fault. When putting the product inside a briefcase, take care not to place heavy objects on top of it. Damage such as this is not covered by the warranty even if there is no external visual damage.
- Do not forcefully press your fingernails and sharp or hard objects against keys or display surface. Doing so might cause scratching or damage.
  Operate the display by directly touching it with the stylus pen (provided).
  The touch panel has been designed to be lightly touched by the tip of the stylus pen (provided).
  Operations cannot be done on the touch panel except with the stylus pen (provided). Do not touch it with your fingers or other pens, or press fine-tipped objects (e.g. fingernails, ballpoint pens, pins) against it.
  The touch panel might not function if it is touched in the following instances. Doing so might also cause it to malfunction.
  · When operated with foreign objects placed on the operation screen
  · When operated with protective sheets, stickers, etc. attached
  · When operated with water droplets or condensation on the display
- Avoid extremely hot, cold and humid places. (Use within an ambient temperature range of 5℃ to 35℃ and humidity range of 35% to 85%.)
- Do not use in places subject to lots of dust or vibration.
- Wipe off any dirt with a soft, dry cloth. Do not use benzene, thinner, alcohol, detergent, and other solvents. Doing so might deform the outer casing or spoil lettering.

- Use as far away as possible from land-line phones, TVs and radios. Use nearby might affect them.
- The product may become warm while charging or during other operations, depending on the situation, but this is not abnormal.
- When the product is used by a child, parents or guardians should thoroughly read the “Instruction Manual” (this manual) and teach the child how to use it.

■Main unit

- Do not remove the stickers printed with the serial numbers that can be seen when the battery cover is removed. These stickers prove that the product and the communication module you are using comply with the Wireless Telegraphy Act and Telecommunications Operations Act.



- Note that content data (both charged or free content) saved on the product cannot be returned to the customer when the product is replaced for repair of a fault, for example.
- Although the display used on the product is made using high-precision technology, some pixels (dots) might be lit or out at all times. This is not a malfunction.
- The product uses an electronic paper display that uses reflected light to display text. A feature of electronic paper is that black and white are inverted when changing screens.
- Take care not to inconvenience people around you when you use the product in a public place.
- Insert only a commercially available microSD memory card or microSDHC memory card into the memory card slot on the product.
- When suddenly brought into a warm place from a cold place, or when in a humid location, or when used where temperature suddenly changes (e.g. near the air discharge port of an air conditioner), water droplets (i.e. condensation) sometimes are formed inside the product. Note that when used under conditions such as this, humidity might cause corrosion or a fault.
- Note that when the display is used continuously for a long time, parts of the main unit may get warm, and that contact by your skin with these parts for a long time might cause low-temperature burns.
- When wiping the display, wipe with a soft, dry cloth. Use of a moistened cloth, glass cleaner or other similar liquid might cause a fault.
- When connecting/disconnecting the USB cable to/from the USB connector, make sure that the USB cable connector is horizontal with the USB connector.
- Note that applying unnecessary force with the USB cable connected to the USB connector might damage the USB connector.
- Do not forcefully press, tap or intentionally subject the display to strong impact. Also, touch the display using only the stylus pen. Do not touch it with other objects, in particular, sharp or hard objects. Doing so might cause scratching or damage.
- Do not discard the product together with regular trash. Please cooperate in the collection of the product when it is no longer needed to protect the environment and effectively use resources. Old products are collected at au shops and other places.

■Book cover

- Wipe off any dirt or water with a soft, dry cloth. Rain, sweat, or skin oil may cause stains or change the color.
- May change color depending on the conditions and environment in which it is used.

■Battery pack

- Use in very hot or cold environments, for example, when left in an automobile with the windows closed in summer, will cause the battery capacity to drop and shorten the available battery usage time. This will also shorten the battery pack's service life. Try to use the battery pack as far as possible at room temperature.
- When the battery pack is not to be used for a long time, remove the battery cover and remove the battery pack from the main unit, and store it away from hot and humid places.
- The battery pack has a service life. If the battery pack does not work even when connected to the main unit, stop using it since this means that it has reached the end of its service life. Replace with a new battery pack of specified type. The service life of the battery pack differs according to how it is used.
- Do not discard battery packs together with regular trash. Please cooperate in the collection of used battery packs to protect the environment and effectively use resources. au shops and other retailers collect used battery packs.
- Battery packs sometimes swell up as they approach the end of their service life. This is due to the properties of lithium-ion batteries, and is not a problem in terms of safety.

■AC adapter

- When not using the AC adapter, remove the AC adapter's power plug from the power outlet.

■Earphone

- When walking across pedestrian crossings, keep the volume as low as possible.
- Do not use the earphone while driving an automobile or motorized bicycle, or riding a bicycle. Doing so might cause a traffic accident.
- Do not keep the earphone in your ear for a long time. High tones will impair your hearing if listened to for a long time.
- Do not use the earphone if you can hear thunder.

■Solar-powered chaging

- The product has its own power generating function. This allows the battery pack to be charged under appropriate operating conditions.
- Sufficient charging performance may not be produced under fluorescent lights or normal indoor lighting.

■Copyrights and rights of portrait

- Reproduction, defacement, editing, and other such actions of the content data of electronic books, etc. obtained using the product are not allowed without the consent of the rightful person in accordance with copyright laws. Also, note that the use of the likeness or name of other individuals without their consent, defacement or a similar act may infringe on an individual's rights of portrait. Please refrain from such use.
- The rights of content data and their authors are protected by the Copyright Act. Reproduction of copyright matter such as this is allowed only for personal or home use. If this matter is reproduced (including conversion of data format), altered, reproductions transferred, distributed on the Internet and otherwise without the rightful party's consent beyond the above purposes, you may be subject to request for compensation for damages or criminal punishment as "infringement of copyright" and/or "infringement of author's moral rights." If you make reproductions, etc. using the product, please strictly observe the Copyright Act and be mindful of appropriate use.
- The transfer of images, etc. covered by copyright is not allowed excluding instances laid down separately by the Copyright Act.

■Backup content on the product

● Please back up important content recorded or downloaded to the product to an outside source. Content recorded to memory on the product sometimes disappears or is altered by unexpected factors, such as static electricity or a fault, repair, mishandling, etc.

*Backup method: Save important data to a microSD card or other storage media. Note, however, that some data cannot be saved on a microSD card.

memo

◎ Reproduction of the content of this manual in part or in whole is prohibited.
◎ The content of this manual is subject to change without notice.
◎ Every effort has been made in the preparation of this manual. Should you notice any unclear points, omissions, etc., feel free to contact us.
◎ Wrong page order or missing pages will be replaced.

Using the wireless LAN function

Frequency band

Frequencies from 2.402 GHz through 2.480 GHz in the 2.4 GHz band are used for this product and the wireless LAN function.

- **2.4DS/OF4**
  This product uses the 2.4 GHz band. DS-SS and OFDM are used as the modulation schemes. The interference distance is about 40 m or less.

  This means that all bandwidths between 2.402 GHz to 2.480 GHz can be used, and that bands of mobile unit identification devices can be avoided.

Precautions about wireless LAN

- **Use the wireless LAN function in Japan. The wireless LAN function of this product conforms to domestic wireless standards in Japan, and has been certified. Use overseas may be subject to punishment by law.**
- Do not use this product in places where electromagnetic waves are generated or near electric products, AV and OA equipment, or other magnetized devices.
- Subjecting this product to magnetic or electrical noise might increase noise and prevent it from performing communications. (This product is particularly susceptible to noise when it used near a microwave oven.)
- Using this product near a TV, radio or similar appliance might cause reception interference and disrupt TV images.
- Searching might not be successful if there are multiple wireless LAN access points near to the product or the same channel is being used.

●Wireless LAN precautions

The frequencies used by the wireless LAN function of this product are in the 2.4 GHz band. In this frequency band, other similar wireless stations, in-plant wireless stations for mobile unit identification that require a license for use, such as factory production lines, specific small-power wireless stations that do not require licenses, amateur wireless stations (collectively called "other wireless stations" from here on) are operated in addition to home electrical appliances such as microwave ovens, devices for industrial, scientific and medical devices.

1. Before using this product, make sure that "other wireless stations" are not in operation nearby.
2. In the event that instances of radio wave interference have occurred between this product and "other wireless stations", immediately either relocate this product or stop operation of the device (stop emission of radio waves).
3. If you are unclear on any points or are troubled by anything, contact an au shop or au Customer Service Center.

memo

◎ Operation of this product connected to all wireless LAN-compatible devices has not been confirmed. Accordingly, operation with all wireless LAN-compatible devices is not guaranteed.
◎ For security during wireless communications, this product supports security functions compliant with the standard specifications of the wireless LAN. However, security may sometimes be considered insufficient depending on the operating environment and settings. Pay attention to this when performing data communications over a wireless LAN.
◎ Note that the KDDI and Okinawa Cellular Telephone Company shall not be liable for any data or information leaks that may occur during wireless LAN communication.

Table of Contents

Preface 1
Safety precautions 1
When using the product 1
Regarding notations used in this document 2

Safety Precautions 4

Handling precautions 8
Using the wireless LAN function 11
Frequency band 11
Precautions about wireless LAN 11

Table of Contents 13

Preparing for Use 15

Accessories and main peripherals 15
Names and functions of parts 16
How to use the earphone 17
Inserting/removing the battery pack and battery cover 17
Inserting a battery pack 17
Removing a battery pack 19
Charging the battery pack 20
Charging by the AC adapter 20
Charging from a PC 20
Setting power save 21
Turning the power on/off 21

Basic Operations 22

How to use the touch panel/stylus pen 22
Removing/stowing the stylus pen 22
Tapping 22
Activating the screensaver (sleep mode) 23
Home screen 23
Icons 24
Entering text 25
About the software keyboard 25
About the QWERTY keyboard 26
Using a microSD card 27
Inserting/removing a microSD card 27
Copying data on a PC 28

My Library (Electronic Books) 29

Reading electronic books 29
Moving to a page you want to read 30
Sorting books 31
Searching books 31
Creating folders 31
Renaming folders 32
Moving electronic books 32
Deleting electronic books 32
Viewing buying history 32

LISMO Book Store 33

LISMO Book Store signing procedure 33
Using the LISMO Book Store 34
Displaying My Page 34

Applications 35

Notes 35
Using the keyboard to enter 35
Using the stylus pen to enter 36
Viewing/editing notes 36
Moving notes 37
Deleting notes 37
Drawings 38
Drawing drawings 38
Viewing/editing drawings 38
Moving drawings 39
Deleting drawings 39
Calendar 39
Calculator 39

Settings 40

Switching between Japanese and English as the display language 40
Setting the date and time 40
Setting the screensaver (sleep mode) activation time 40
Setting the network 41
Switching the 3G network ON or OFF 41
Switching the wireless LAN function ON or OFF 41
Registering a network (access point) 41
Setting the password 42
Setting the password for the first time 42
Changing the password 42
Canceling the password 42
Telecommunication signing 43
Restoring defaults 43
Viewing system information 43
Upgrading the communication software 43

Software Update 44

Appendix 45

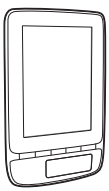
Troubleshooting 45
After-sales service 46
Main specifications 46

Accessories and main peripherals

Before you start using the product, make sure that you have all the following packaged with the product.

Main unit

biblio Leaf SP02 (including battery pack, battery cover, and warranty card)



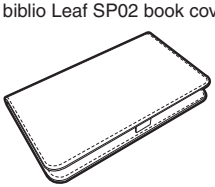
Accessories

Stylus pen

Instruction Manual

Basic Guide

biblio Leaf SP02 book cover



biblio Leaf SP02 AC adapter 01

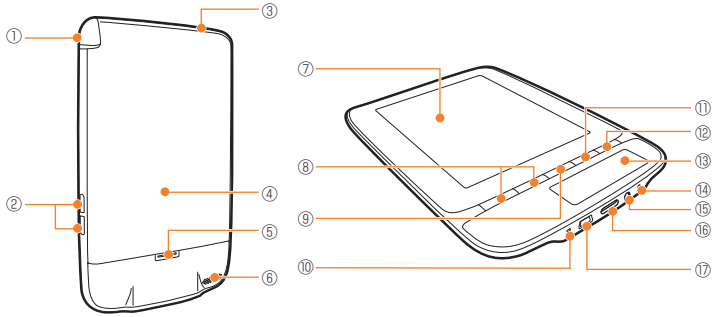
Sample

biblio Leaf SP02 USB cable

The following items are not included in the package:

- microSD card
- Earphone

Names and functions of parts



① **Stylus pen holder**
Used for stowing the stylus pen

② **(zoom in key)/ (zoom out key)**
Resizes the font when you are viewing an electronic book.

③ **(power key)**
Pressing this key quickly activates/exits the screensaver.
Holding this key down turns the power on/off.

④ **Battery pack/battery cover**

⑤ **Knob**

⑥ **Speaker**
Sound can be heard from here.

⑦ **Display**

⑧ /
Moves the cursor up and down.
Displays the previous/next page when you are viewing an electronic book.

⑨
Executes selected items.

⑩ **Charging LED**
Lit red: Charging in progress
Lit blue: Charging completed

⑪
Pressing this key quickly returns you to the previous screen.
Holding down this key returns you to the home screen.

⑫
Displays the menu.

⑬ **Solar panel**
Auxiliary charging can be done.

⑭ **RESET button**
Press this button with a fine-tipped object to restart the product.

⑮ **Earphone terminal**
Used for connecting a commercially available earphone

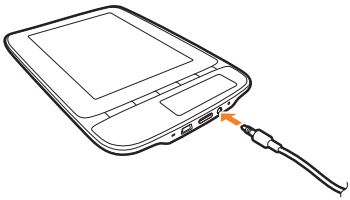
⑯ **Memory card slot**
Used for inserting the microSD card

⑰ **USB connector**
Used for connecting the USB cable

How to use the earphone

You can hear sound played back from electronic books on an earphone (sold separately) connected to the earphone terminal on the product.

1 Insert the earphone's plug into the earphone terminal on the product

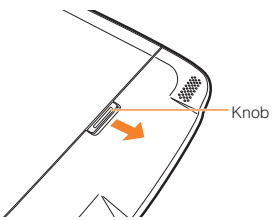


Inserting/removing the battery pack and battery cover

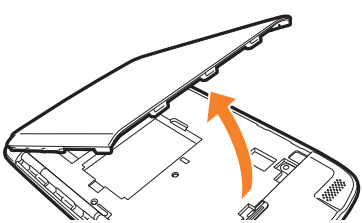
Before inserting/removing the battery pack and battery cover, be sure to turn the power off. Use only the battery pack for the product.

Inserting a battery pack

1 Push down the knob on the back of the main unit

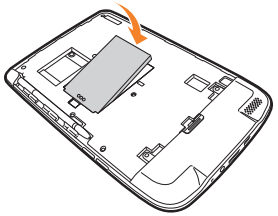


2 With your finger held against the battery cover, lift up the battery cover in the direction of the arrow

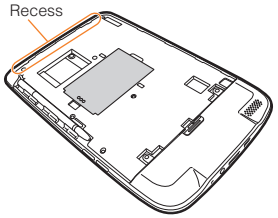


3 Insert the battery pack

With the surface of the battery pack marked [+][–] facing up, align the terminals of the battery pack with the terminals on the main unit, and insert the battery pack in the direction of the arrow. Check the shape of the battery pack, and insert it making sure that it is facing the correct way.



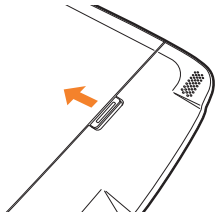
4 Place the battery cover aligning the three clasps on the top side with the recess of the main unit



5 Firmly press in the two clasps on the inside of the battery cover one at a time, and then firmly press in the ten clasps on the outside

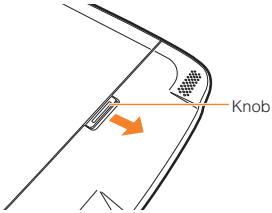
Firmly attach the battery cover while making sure that no clasps are rising up from the main unit.

6 Lift up the knob on the back of the main unit

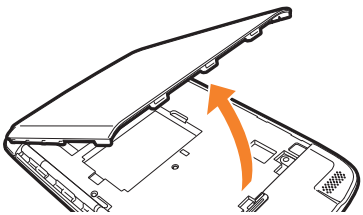


Removing a battery pack

1 Push down the knob on the back of the main unit

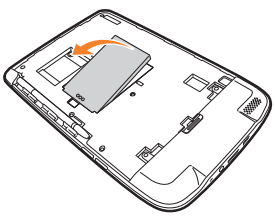


2 With your finger held against the battery cover, lift up the battery cover in the direction of the arrow



3 Remove the battery pack

Lift up the battery pack in the direction of the arrow using the protrusion on the battery pack.



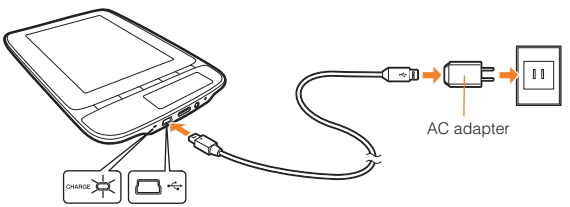
Charging the battery pack

There are two ways of charging the battery pack, charging by the AC adapter and by charging from a PC.

Charging by the AC adapter

The following describes how to charge the battery pack using the AC adapter (provided) and USB cable (provided).

It takes about 180 minutes to charge the battery pack.



1 Insert the larger end of the USB cable into the AC adapter connector

Insert so that it is horizontal with the connection terminal while checking the orientation of the terminal.

2 Insert the smaller end of the USB cable into the USB connector on the product

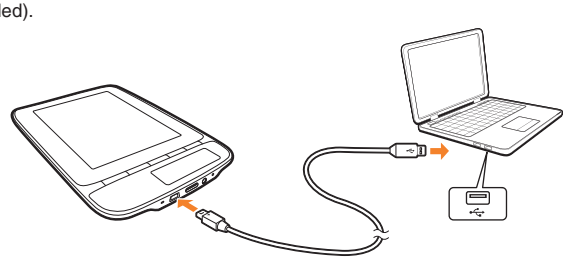
Insert so that it is horizontal with the connection terminal while checking the orientation of the terminal.

3 Insert the AC adapter's power plug into the power outlet

During charging, the charging LED lights red and changes color to blue when charging is completed.

Charging from a PC

You can charge the battery pack from a PC by connecting the product to a PC by the USB cable (provided).



1 Start up the PC

2 Insert the larger end of the USB cable into the USB connector on the PC

Insert so that it is horizontal with the connection terminal while checking the orientation of the terminal.

3 Insert the smaller end of the USB cable into the USB connector on the product

Insert so that it is horizontal with the connection terminal while checking the orientation of the terminal.

During charging, the charging LED lights red and changes color to blue when charging is completed.

4 Tap "Charging Mode" on the product

Setting power save

Battery usage can be reduced and the operating time can be increased by changing the following settings.

3G network	Set 3G network to OFF. • When you buy the product, ON is set. ▶"Switching the 3G network ON or OFF" on P. 41
Wireless LAN function	Set the wireless LAN function to OFF. • When you buy the product, OFF is set. ▶"Switching the wireless LAN function ON or OFF" on P. 41

Turning the power on/off

1 Press and hold (power key) until "au by KDDI" appears

After a while, the home screen is displayed.

To turn the power off, press and hold (power key) until the power turns off.

How to use the touch panel/stylus pen

You can operate the product's display (touch panel) by lightly touching it with the tip of the stylus pen (provided).

■Cautions when using the touch panel

The touch panel has been designed to be lightly touched by the tip of the stylus pen (provided). **Operations cannot be done on the touch panel except with the stylus pen (provided).** Do not touch it with your fingers or other pens, or press fine-tipped objects (e.g. fingernails, ballpoint pens, pins) against it.

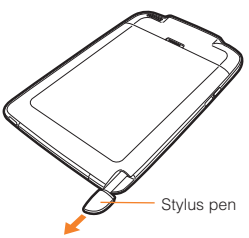
The touch panel might not function if it is touched in the following instances. Doing so might also cause it to malfunction.

- When operated with foreign objects placed on the operation screen
- When operated with protective sheets, stickers, etc. attached
- When operated with water droplets or condensation on the display

Removing/stowing the stylus pen

■Removing the stylus pen

1 Hold your finger against the indentation and remove the stylus pen

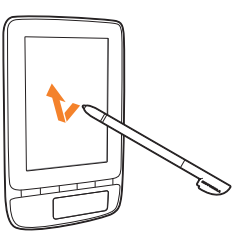


■Stowing the stylus pen

1 Insert the stylus pen into the stylus pen holder

Tapping

"Tapping" involves lightly touching the tip of the stylus pen against an item or icon on the display.



Activating the screensaver (sleep mode)

You can activate the screensaver (sleep mode) to save battery power.

1 Press ⏻ (power key)

The screensaver is activated.

To exit the screensaver, press ⏻ (power key) again.

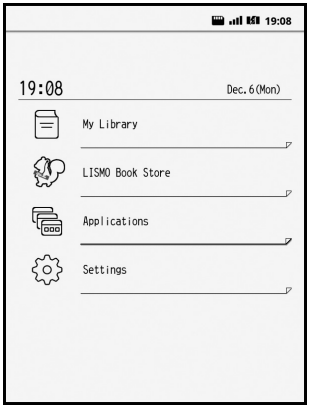
memo

◎ Note that pressing and holding ⏻ (power key) turns the power off.

◎ The screensaver is automatically activated after you have not operated the product for a fixed length of time. For details on setting the time until the screensaver is automatically activated, see "Setting the screensaver (sleep mode) activation time" (▶P. 40).

Home screen

The home screen is displayed by holding down ×.



The following items are displayed on the home screen.

My Library	You can view books you have bought from the LISMO Book Store, electronic books already saved on the product, electronic books saved on microSD card, and other books.
LISMO Book Store	This allows you to connect to a 3G network or wireless LAN to utilize the LISMO Book Store to buy electronic books.
Applications	You can use Notes, Drawings, Calendar, and Calculator.
Settings	You can set the display language, date/time, screensaver, network, and other settings.

Icons

The following icons are displayed at the top of the screen.

① Displayed when a microSD card is inserted.
You can check microSD card usage and remaining amount of space on the card by tapping this icon.

② Displays the reception of the 3G network being accessed.
Strong Moderate Weak Faint Out of area
You can set network settings by tapping this icon.

③ Displays the reception of the wireless LAN being accessed.
Displayed when the product is connected to a wireless LAN.
You can set network settings by tapping this icon.

④ Displays battery status.
is displayed while charging.

⑤ The time is displayed.
You can display the calendar by tapping this icon.

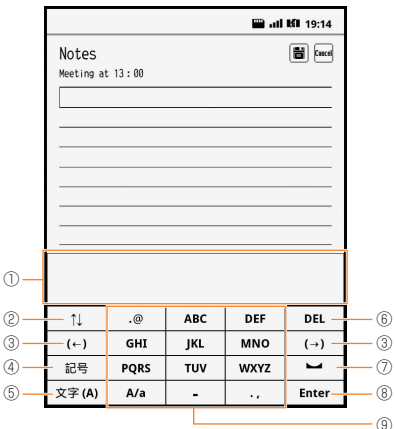
Entering text

The product has a software keyboard and a QWERTY keyboard for inputting text.
To display the keyboard, select the text entry field and press [○], or tap the text entry field.

About the software keyboard

Characters are arranged on the keyboard in the same order as on a typical mobile phone.

- You can switch to the software keyboard when the QWERTY keyboard is displayed by tapping "↑↓".



① **Conversion candidates**
Words, etc. predicted from the characters you have entered are displayed.

② **↑↓**
Switches to the QWERTY keyboard.

③ **(←)/(→)**
Moves the cursor one character backward or forward.

④ **Symbols**
Displays symbols and emoticons.

Alphanumerics*
The hiragana, katakana, English characters, and number for the key are displayed as conversion candidates.
* Displayed when the character is not confirmed.

⑤ **Text**
You can change the text type. (Hiragana → Single-byte katakana → Double-byte katakana → English characters → Numbers)

⑥ **DEL**
Deletes the character immediately before the cursor.

⑦ **␣/convert**
Enters a space or converts entered characters to kanji.

⑧ **Enter**
Applies characters you have entered.

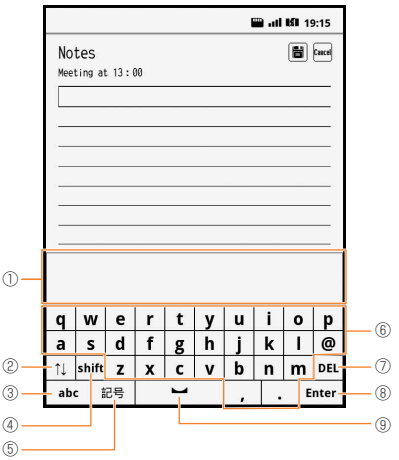
⑨ **Character keys**
Characters are arranged in the same order as on a typical mobile phone.
Continuously tap the key assigned with the character you want to enter until the desired character is displayed.

Should be corrected to "Alphanumerics/kana".

About the QWERTY keyboard

Characters are arranged on the keyboard in the same order as on a typical PC.

- You can switch to the QWERTY keyboard when the software keyboard is displayed by tapping "↑↓".



① **Conversion candidates**
Words, etc. predicted from the characters you have entered are displayed.

② ↑↓
Switches to the software keyboard.

③ **あ/abc/123**
You can change the text type. (Hiragana → English characters → Numbers/symbols)

④ **shift**
You can change the text type. (Lowercase → Uppercase)

⑤ **Symbols**
Displays symbols and emoticons.

⑥ **Character keys**
Characters are arranged in the same order as on a typical PC keyboard.

⑦ **DEL**
Deletes the character immediately before the cursor.

⑧ **Enter**
Applies characters you have entered.

⑨ ␣
Enters a space or converts entered characters to kanji.

Using a microSD card

You can insert a microSD card or microSDHC card into the memory card slot.

- While data on a microSD card is being accessed, do not turn the power off or subject the microSD card to shock. Doing so might damage data.
- Operation of the following microSD cards has been confirmed to be in accordance with in-house standards. For details on confirmed operation of other microSD cards, contact the distributors of the respective microSD cards.

<microSD card>

Distributor	64 MB	128 MB	256 MB	2 GB
SanDisk	○	○	○	○

<microSDHC card>

Distributor	8 GB	16 GB	32 GB
Toshiba	—	○	—
Panasonic	○	—	—
SanDisk	○	—	○

○: Operation confirmed, —: Not confirmed or not yet on sale (as of November 2010)

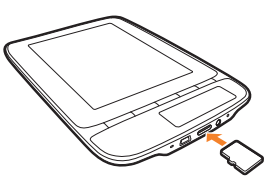
* Operation was confirmed on the product using microSD cards on sale as of November 2010. Visit the au homepage for the latest information on confirmed operation.

Inserting/removing a microSD card

You can insert a microSD card into the memory card slot.

Inserting a microSD card

1 Gently insert the microSD card with its metal terminal side face up until you hear it click in place



memo

◎ The front/back and top/bottom of microSD card are clearly distinguished. If you exert unnecessary force to insert a microSD card, you might no longer be able to remove it or you might damage it.

Removing a microSD card

1 Gently push in the microSD card until you hear it click in place

When you hear the click, keep your finger on the microSD card to pull it away. The microSD card comes out slightly.

Note that if the microSD card is pushed in hard and then released, it may jump out.

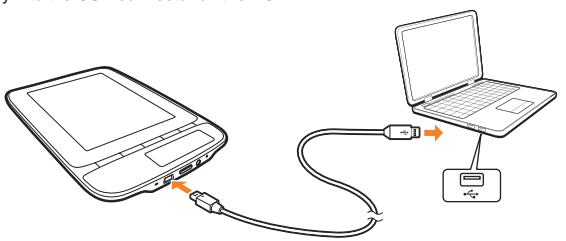
2 Draw the microSD card straight out

Copying data on a PC

You can connect the product to a PC using the USB cable (provided), and copy data on the PC to the memory in the main unit or a microSD card inserted in the memory card slot.

1 Connect the product to the PC using the USB cable

Check the orientation of the cable terminal, and insert the smaller end of the USB cable horizontally into the USB connector on the product.
Check the orientation of the cable terminal, and insert the larger end of the USB cable horizontally into the USB connector on the PC.



2 Tap "Mass Storage Mode" on the product

The standard driver is automatically installed on the PC, and the main unit's memory and the microSD card inserted into it are recognized as "removable disks".
Copy data by operation on the PC.

3 End communications with the PC

4 Select the remove hardware icon on the task bar on the PC → select "USB large-capacity storage device"

5 Disconnect the USB cable

memo

◎ The mass storage mode of the product is supported on Windows 2000, Windows XP, Windows Vista, Windows 7, and Mac OS X.
◎ The product supports the XMDF*, PDF and ePub formats. Data in other formats copied to the product cannot be displayed.
*XMDF format data can only be displayed if the content is preset or has been downloaded with the product.
◎ When copying to the microSD card or memory in the main unit, copy to the /MyLibrary/ folder.
◎ While data is being copied, do not disconnect the USB cable or turn the power off. Doing so may alter or destroy the data.

My Library (Electronic Books)

Reading electronic books

You can read electronic books in XMDF*, PDF and ePub formats on the product.

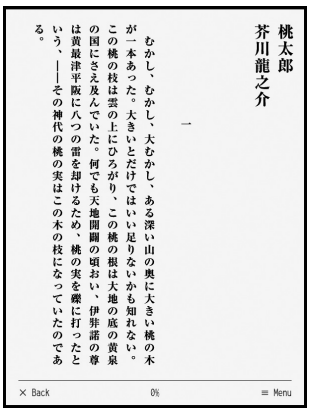
* XMDF format data can only be displayed if the content is preset or has been downloaded with the product.

1 In the home screen, select "My Library" → ○

The electronic book list screen is displayed.

2 Select the electronic book you want to read → ○

The cover is displayed. Electronic books read midway are displayed from where you left off.



memo

◎ Operation varies according to the file format of the electronic book.
◎ Do not remove the microSD card when the electronic book you are reading is saved on the card.

About "Pre-installed Books"

◎ When you buy the product, 100 masterpieces such as "Bottchan", "Ningen Shikkaku" and "Kumo no Ito" are already stored in the "Pre-installed Books" folder in My Library. If these works have been deleted, they can be downloaded again from My Page in the LISMO Book Store (▶P.34).

* Pre-installed Books data has been produced by the Internet library, 青空文庫 (Aozora Bunko) (http://www.aozora.gr.jp/). Note that, with some works, notes, etc. added when the data was produced are sometimes displayed.

Key operations in the page display

[∧]: Displays the previous page.
[∨]: Displays the next page.
[×]: Returns to the library.
[≡]: Displays the menu.
[*] (zoom in key)/[#] (zoom out key): Resizes text.

Moving to a page you want to read

1 **In the page display, [≡] → tap "Move"**

2 **Select the move method**

Move to Specified Position	Moves from the start (0%) in an electronic book to a specified position up to the end (99%).
Move To Bookmark	Two bookmarks can be inserted at any desired position, and one bookmark is set automatically when the electronic book is closed. • This cannot be selected when bookmark has not been set.
Move To Table of Contents	Moves to the table of contents page of the electronic book.
Move To Beginning	Moves to the start of the electronic book.
Move To End	Moves to the end of the electronic book.
Go Back in History	Returns to the previous position when a move has been made by a link in the electronic book. • This cannot be selected when a move to a link has not been made.

Example: When "Move to Specified Position" is selected

memo

◎ The currently displayed page is displayed by the % (percentage) display. The page number is not displayed.
Note, however, that the page may be displayed by page number depending on the file format of the electronic book.
◎ Operation varies according to the file format of the electronic book.

Sorting books

You can sort books currently saved in the library.

1 In the home screen, select "My Library" → ○

The electronic book list screen is displayed.

2 Press ☰

3 Select the sort method

Sort by Date	Sorts books in the order of date that they were saved.
Sort by Title	Sorts books in order of title.
Sort by Author	Sorts books in order of author.

Searching books

1 In the home screen, select "My Library" → ○

The electronic book list screen is displayed.

2 ☰ → select "Search" → ○

3 Tap the entry field, and enter the title/author to search for

Tap "Title" for a title or tap "Author" for an author to check the radio button.

4 Tap "Go"

The search result list screen is displayed.

The next page is displayed by selecting "Next Page" and pressing ○, and the previous page is displayed by selecting "Prev Page" and pressing ○.

5 Select the book you want to read → ○

Creating folders

1 In the home screen, select "My Library" → ○

The electronic book list screen is displayed.

2 ☰ → select "Make Folder" → ○

3 Tap the entry field, and enter the folder name

4 Tap "Add"

memo

◎ The position the created folders are displayed varies depending on the library's sort setting. For details on the library's sort settings, refer to "Sorting books" (▶P. 31).

Sort settings	Position displayed
Sort by Date	Displayed after a list of all electronic books.
Sort by Title	Displayed in order of title including the title of the electronic book.
Sort by Author	Displayed after a list of all electronic books.

Renaming folders

1 **In the home screen, select "My Library" → ○**

The electronic book list screen is displayed.

2 **Select the folder you want to rename**

3 **☰ → select "Rename Folder" → ○**

4 **Tap the entry field, and enter the folder name**

5 **Tap "OK"**

Moving electronic books

You can move electronic books to a microSD card or the main unit.

1 **In the home screen, select "My Library" → ○**

The electronic book list screen is displayed.

2 **☰ → select "Move" → ○**

3 **Select the move method**

Move this book	Moves the currently selected electronic book.
Move some books	Select multiple electronic books and move them.
Move all books	Moves all electronic books.

4 **Select the folder at the move destination → ○**

5 **Tap**

Deleting electronic books

1 **In the home screen, select "My Library" → ○**

The electronic book list screen is displayed.

2 **☰ → select "Delete" → ○**

3 **Select the delete method**

Delete this book	Deletes the currently selected electronic book.
Delete some books	Select multiple electronic books and delete them.
Delete all books	Deletes all electronic books.

4 **Select "YES" → ○**

Viewing buying history

1 **In the home screen, select "My Library" → ○**

The electronic book list screen is displayed.

2 **☰ → select "Buying History" → ○**

LISMO Book Store

Here, you can buy electronic books, and view ranking, special editions, latest information, etc.

■au one-ID

To use the LISMO Book Store, the au one-ID is required.
The au one-ID is a free ID provided by KDDI. You can use an already acquired au one-ID or acquire a new au one-ID at the LISMO Book Store.

■How to pay for electronic books

You can pay for charged books by any one of the following methods.

- au KANTAN KESSAI
  The au KANTAN KESSAI service allows you to pay for purchases such as electronic books together with your monthly au mobile phone charges.
  * To use au KANTAN KESSAI, the au one-ID mobile phone/PC link must be set. The au one-ID mobile phone/PC link can be set up on an au mobile phone equipped with EZ WIN or a smartphone equipped with au "Android™".
    For details on au KANTAN KESSAI, visit the following:
    https://connect.auone.jp/net/id/kessai_guide/login.html
- Owner points
  You can check owner points in My Page.
- Credit card

LISMO Book Store signing procedure

When the LISMO Book Store is activated for the first time, you must set the au one-ID, password or other settings. When the settings are complete, you can use the LISMO Book Store.

memo

◎Key operations are not possible from the LISMO Book Store top screen. To perform operations, use the stylus pen.

1 In the home screen, select "LISMO Book Store" →○

2 Tap "LISMO Book Store 利用規約 (Terms of Service)", and read the terms of service

3 Enter the au one-ID password

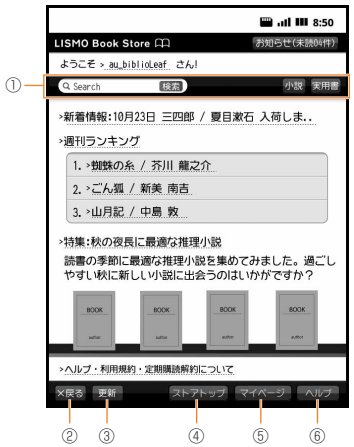
4 Tap "利用規約に同意してログイン (I agree with Terms of Service and log in)"
The LISMO Book Store top screen is displayed.

Using the LISMO Book Store

・Set the current date and time correctly in advance (▶P. 40).
If the current date and time is not set correctly, it may not be possible to communicate with the LISMO Book Store.

1 In the home screen, select "LISMO Book Store" → ○

The LISMO Book Store top screen is displayed.



① You can search by entering text or selecting categories.
② Goes back to the previous page.
③ Refreshes the page.
④ Goes back to the LISMO Book Store top screen.
⑤ Displays My Page.
⑥ You can check the details and terms of service.

2 Search the electronic books, and tap the title of the desired book

The product details for the electronic book are displayed.

3 Tap "購入する (Buy)"

The purchase confirmation is displayed.

4 Tap "購入する (Buy)" for the payment method you want to use

You can use your selected method of payment to make a purchase.
Electronic books you have bought can be downloaded and read from the library.

Displaying My Page

In My Page, you can check your buying history and points, and change user settings.

1 In the home screen, select "LISMO Book Store" → ○

The LISMO Book Store top screen is displayed.

2 Tap "マイページ (My Page)"

My Page is displayed.

Notes

There are two ways of entering notes in Notes, by using the keyboard or by using the stylus pen.

Using the keyboard to enter

1 In the home screen, select "Applications" → ○

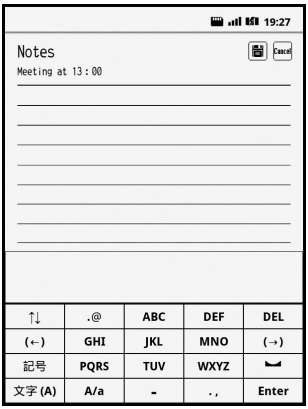
2 Select "Notes" → ○

The Notes list screen is displayed.

3 Tap

The text entry screen is displayed.

4 Tap the entry field → enter text



5 Tap

To exit without saving, tap "Cancel".

memo

◎ When entered text is saved, the first 10 letters of the text will be displayed in the Notes list screen.
◎ If you saved without entering any text, "Text Note_save date_number" will be displayed in the Notes list screen.

Using the stylus pen to enter

1 **In the home screen, select "Applications" →** ○

2 **Select "Notes" →** ○

The Notes list screen is displayed.

3 **Tap**

The handwriting screen is displayed.

4 **Draw pictures or writing with the stylus pen**

: Draws pictures or writing.
: Rubs out drawn pictures or writing.
: Adds on one more page.

5 **Tap**

To exit without saving, tap "Cancel".

memo

◎ When you save drawn picture or writing, "Paint Note_save date_number" will be displayed in the Notes list screen.

Viewing/editing notes

1 **In the Notes list screen, select the note you want to view →** ○

2 **View or edit the note**

- You can display the next page by pressing ▽.
- You can edit a displayed note by tapping it.

memo

◎ Notes are displayed starting with the note having the newest date.

Moving notes

You can move all notes currently saved on the main unit to a microSD card and move all notes on the microSD card to the main unit.

1 In the Notes list screen, [≡] → select "Move"→ [○]

The screen for confirming the move is displayed.

2 Select "YES" → [○]

memo

◎ After you have moved notes to the microSD card or the main unit, new notes you save will be saved to the move destination.

Deleting notes

1 In the Notes list screen, [≡] → select "Delete" → [○]

2 Select the delete method

Delete this Note	Deletes the currently selected note.
Delete some Notes	Select multiple notes and delete them.
Delete all Notes	Deletes all notes.

3 Select "YES" → [○]

Drawings

Drawing drawings

1 In the home screen, select "Applications" → ○

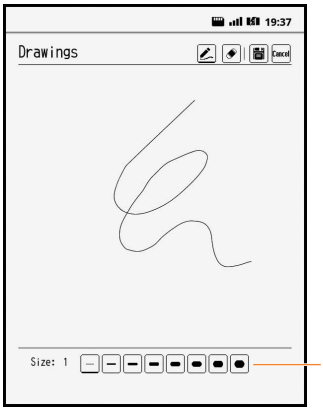
2 Select "Drawings" → ○

The Drawings list screen is displayed.

3 Tap

The Drawings screen is displayed.

4 Draw pictures with the stylus pen



You can select the brush size.

: Draws pictures.
: Rubs out drawn pictures.

5 Tap

To exit without saving, tap "Cancel".

memo

◎When you save a drawing, "Drawing_save date_number" will be displayed in the Drawings list screen.

Viewing/editing drawings

1 In the Drawings list screen, select the drawing you want to view → ○

2 View or edit the drawing

- You can resize the drawing by tapping a magnification.
- You can edit a displayed drawing by tapping it.

Moving drawings

You can move all drawings currently saved on the main unit to a microSD card and move all drawings saved on the microSD card to the main unit.

1 In the Drawings list screen, [≡] → select "Move" → [○]

The screen for confirming the move is displayed.

2 Select "YES" → [○]

memo

◎ After you have moved drawings to the microSD card or the main unit, new drawings you save will be saved to the move destination.

Deleting drawings

1 In the Drawings list screen, [≡] → select "Delete" → [○]

2 Select the delete method

Delete this Drawing	Deletes the currently selected drawing.
Delete some Drawings	Select multiple drawings and delete them.
Delete all Drawings	Deletes all drawings.

3 Select "YES" → [○]

Calendar

1 In the home screen, select "Applications" → [○]

2 Select "Calendar" → [○]

This month's calendar is displayed.

You can display a calendar of other months and years by tapping the ◀‖/‖▶ and ◀/▶.

Calculator

You can make arithmetic calculations (+, –, x, ÷) on the calculator.

1 In the home screen, select "Applications" → [○]

2 Select "Calculator" → [○]

3 Enter the mathematical expression

4 Tap "="

The calculation result is displayed.

Settings

Switching between Japanese and English as the display language

When you buy the product, Japanese is set as the display language. You can change the display language to English.

1. **In the home screen, select "設定 (Settings)" → ○**
2. **Select "言語 (Language)" → ○**
3. **Select "English" → ○**
4. **Select "OK" → ○**

Setting the date and time

You can set the date and time that is displayed on the product.

1. **In the home screen, select "Settings" → ○**
2. **Select "Date and Time" → ○**
3. **Select the "Current date and time" checkbox → ○**
4. **Select 0.0 → ○**
5. **Set the year, month, day, hours, and minutes**
   Select "+"/"–" then press ○ to change numbers.
6. **Select "OK" → ○**
7. **Select the "Current time zone" checkbox → ○**
8. **Select 0.0 → ○**
9. **Select the time zone you want to set → ○**
10. **Select "OK" → ○**

Setting the screensaver (sleep mode) activation time

You can set the time until the screensaver (sleep mode) is automatically activated.

1. **In the home screen, select "Settings" → ○**
2. **Select "Sleeping" → ○**
3. **Select the time until the screensaver is activated → ○**
4. **Select "OK" → ○**

Setting the network

The product supports the 3G network and wireless LAN.

memo

◎ The 3G network and wireless LAN cannot be used simultaneously.

Switching the 3G network ON or OFF

When you buy the product, ON is set. By setting it to OFF when not transmitting, it reduces battery usage and increases the operating time.

1. **In the home screen, select "Settings" → ○**
2. **Select "Network" → ○**
3. **Select "3G" → ○**
4. **Select "ON"/"OFF" → ○**
5. **Select "OK" → ○**

When a connection is made to the 3G network, "KDDI CDMA 2000" is displayed.

~~You can display the network information by selecting "KDDI CDMA 2000" → pressing ○.~~

Should be corrected to "KDDI CDMA 2000 Connected".

Switching the wireless LAN function ON or OFF

1. **In the home screen, select "Settings" → ○**
2. **Select "Network" → ○**
3. **Select "Wireless LAN" → ○**
4. **Select "ON"/"OFF" → ○**
5. **Select "OK" → ○**

The name of the network of the wireless LAN you are connected to is displayed.

You can display the network information by selecting a network name → pressing ○.

Should be corrected to "by tapping the wireless LAN access point".

Registering a network (access point)

1. **In the home screen, select "Settings" → ○**
2. **Select "Network" → ○**
3. **Select [icon] → ○**
4. **Select [icon] → ○**
5. **Using the stylus pen, enter the SSID, security type and security key (key already set for the access point)**
6. **Tap "OK"**

This description is incorrect and should be erased.

Setting the password

When a password is set, you must enter that password when the product is started up. This prevents other people from operating the product without your permission.

Setting the password for the first time

1. In the home screen, select "Settings" → ○
2. Select "Password" → ○
3. Select "Update Password" → ○
4. Select the "Password" entry field → ○ → enter the password
5. Select the "Confirm Password" entry field → ○ → enter the password again
6. Select "OK" → ○

Changing the password

You can change your password.

1. In the home screen, select "Settings" → ○
2. Select "Password" → ○
3. Select "Update Password" → ○
4. Select the entry field → ○ → enter the old password
5. Select "OK" → ○
6. Select the "New Password" entry field → ○ → enter the new password
7. Tap the "Confirm new Password" entry field → enter the password again
8. Select "OK" → ○

Canceling the password

1. In the home screen, select "Settings" → ○
2. Select "Password" → ○
3. Select "Cancel Password" → ○
4. Select the entry field → ○ → enter the password
5. Select "OK" → ○
6. Select "OK" → ○

Telecommunication signing

Selecting "Settings" and pressing ○ in the home screen displays "Telecommunication signing". This item is used by the person-in-charge at the store when you buy this product. It is not available to the customer.

Restoring defaults

You can restore default settings or delete content saved in the library.

1. **In the home screen, select "Settings" →** ○
2. **Select "Restore Defaults" →** ○
3. **Select "Yes" →** ○

Viewing system information

You can check memory usage status on the main unit, microSD card usage status, remaining battery level, and software version. You can also upgrade the communication software version.

1. **In the home screen, select "Settings" →** ○
2. **Select "System Information" →** ○
   Memory usage status on the main unit, microSD card usage status, remaining battery level, and software version are displayed.
3. **Press** ▽
   The wireless LAN Mac address, biblio Leaf serial number, communication module serial number, and telephone number are displayed.

Upgrading the communication software

1. **In the home screen, select "Settings" →** ○
2. **Select "System Information" →** ○
3. **Select the communication software version radio button →** ○
4. **Tap** ⊡
   Upgrading starts.
5. **Select "OK" →** ○

Should be corrected to "biblio Leaf device ID".

Software Update

The following describes how to update the software using a microSD card.
Insert the microSD card to the memory card slot of the product in advance.

1 Access the download site on a PC, and download the ZIP file (example: FCS02_V1.G00.00.zip)

The URL for the download site is shown below.
http://cs.kddi.com/support/komatta/download.html

2 Open the downloaded ZIP file and make sure the "FCS02-UPDATE.upkg" file exists

3 Use the USB cable to connect the PC to the product, and copy the "FCS02-UPDATE.upkg" file to the microSD card

For details on how to save to a microSD card, see "Copying data on a PC" (▶P. 28).
When saving the file to the microSD card, do not save it to a folder.

4 Press and hold (power key) until the power turns off

5 Press and hold (power key) with (zoom in key) held down until the update starts

memo

◎ After the update ends, the "FCS02-UPDATE.upkg" file is no longer needed. Delete it.

Appendix

Troubleshooting

Press the RESET button (▶P. 16) with a fine-tipped object to restart the product. If this does not solve the problem, refer to the following table.

Problem	Check	Refer to
The product does not turn on	• Is the battery pack attached properly? • Has the battery run out?	P. 17 P. 20
Cannot charge (Charging LED does not light)	• Is the battery pack attached properly? • Is the AC adapter power plug inserted properly into the power outlet? • Are the main unit, AC adapter and USB cable each connected properly? • When charging using a PC, is the PC turned on? • When charging with a rundown battery pack, the charging LED might not light for a while.	P. 17 P. 20
Cannot find electronic books in the library	• Check the data format supported by the product (XMDF*, PDF or ePub). * XMDF format data can only be displayed if the content is preset or has been downloaded with the product. • Data sometimes is damaged while being downloaded or saved. Download or save the data again.	P. 29 P. 34
Cannot find saved images or music	• Images or music cannot be played back on the product.	–
Cannot hear sound	• Turn up the volume. You can adjust the volume while an electronic book is open by pressing [≡] → selecting "Setting" → [○] → selecting "Sound Setting" → [○]. • When an earphone is inserted, check that it is inserted properly.	–
Notes cannot be found	• Did you move them to a microSD card? Make sure that the microSD card on which the notes are saved is inserted. • Did you delete all notes?	P. 37
Drawings cannot be found	• Did you move them to a microSD card? Make sure that the microSD card on which the drawings are saved is inserted. • Did you delete all drawings?	P. 39
The content of the microSD card is not displayed on the PC even if the product is connected to a PC	• Are the main unit, PC and USB cable each connected properly? • Is the microSD card inserted? • When the product is connected to a PC, two drives are displayed on the PC. One is the drive for displaying memory on the product, and the other is the microSD card inserted in the memory card slot.	P. 27 P. 28
The product cannot be operated	• Is the USB cable connected? Disconnect the USB cable.	P. 28

For more details, contact the au Customer Service Center.

From a land-line phone, 0077-7-111

From an au cell phone, 157 without area code

After-sales service

■When asking for repair

For repair, contact an au shop or au Customer Service Center.

During the warranty period	Repairs will be done based on the terms of services of the free-of-charge repair warranty described on the warranty card.
Outside the warranty period	We shall repair the product for a charge as requested by the customer if repair renders it usable.

memo

◎Before handing in the product for repair, make a backup of the contents of memory since they may disappear during repair. Note that the Company shall not be liable for any damages and loss of income should the contents of memory be altered or lost.
◎Recycled parts that meet the Company's quality standards are sometimes used for repair.

■Performance parts for repair

The Company retains performance parts for repair of the biblio Leaf SP02 main unit and its peripherals for six years after discontinuation of production. "Performance parts for repair" refers to parts required for maintaining the functions of the product.

■Warranty card

At the store of purchase, thoroughly check and read the name of the retailer, date of purchase and other necessary details filled in on the warranty card, and be sure to keep it in a safe place.

■After-sales service

If you are unsure about anything regarding after-sales service, contact the following au Customer Service Center.

au Customer Service Center (for loss, theft or damage and operation information)

From a land-line phone, **0077-7-113** (toll free)
From an au cell phone, **113** without area code (toll free)
* You can also contact the au Customer Service Center by the following method if you have an au cell phone.
From EZweb, in the standby screen [EZ key] → [トップメニュー･検索 (Top menu/search)] → [auお客様サポート (au Customer Support)] → [お問い合わせ (Inquiries)]
* The menu configuration is subject to change without notice.

Main specifications

●biblio Leaf SP02 main unit

Product name	biblio Leaf SP02
Model	CDMA FCS02
Size	Approx. 198 mm (H) × approx. 129 mm (W) × approx. 9.8 mm (D)
Weight	Approx. 282 g
Memory	2 GB
Network environment	3G, wireless LAN

Operating environment		Ambient temperature: 5℃ to 35℃ Ambient humidity: 35% to 85%
Display	Size	6 inch
	Resolution	800 (V) × 600 (H) dots
	Aspect ratio	4:3
	Visible angle	Horizontal: 180° Vertical: 180°
Power source	Battery performance	Approx. 7500 pages can be turned over by a single charge. * Assuming 3G and wireless LAN are both OFF, and 1 page is turned approximately every 2 seconds.
	Charging time	While AC adapter is connected: Approx. 180 minutes
Interface	USB interface	USB2.0
	Earphone terminal	3.5 φ
	Memory card slot	microSD card
Supported file formats		XMDF*/PDF/ePub * XMDF format data can only be displayed if the content is preset or has been downloaded with the product.

Should be corrected to "Approx. 13000 pages".

●AC adapter

Size	Approx. 63.3 mm (H) × approx. 34.5 mm (W) × approx. 21.2 mm (D)

●Battery pack

Voltage	3.7 V
Capacity	1250 mAh

■Export Administration Regulations

This device must not be taken outside Japan excluding instances allowed in accordance with laws and regulations. (This device contains restricted parts in accordance with the Foreign Exchange and International Trade Law. In accordance with United States restrictions, this device cannot be taken into the following countries (as of November 2010): Cuba, Iran, North Korea, Sudan, and Syria)

■Authentication numbers of the built-in module

This product has a built-in communication module that has wireless communication functions. The authentication numbers of the built-in module are as follows:

005XZAA0169
005ZYAA0103
005NXAA0132

■Trademarks

Company names and product names referred to in this manual are the trademarks or registered trademarks of respective companies.

- microSD™ and microSDHC™ are trademarks of the SD Card Association.
- The microSDHC logo is a trademark of SD-3C and LLC.
- XMDF is a registered trademark of Sharp Corporation.
- Adobe® is a trademark or registered trademark of Adobe Systems Incorporated in the USA and other countries.
- The product uses New Go R and Ryumin fonts from Morisawa & Company Ltd.
  * New Go and Ryumin are registered trademarks of Morisawa & Company Ltd.

Other company names and products described herein are the trademarks or registered trademarks of respective companies.

Open SSL License

[OpenSSL License]
Copyright © 1998-2009 The OpenSSL Project. All rights reserved.
This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/)
THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
[Original SSLeay License]
Copyright © 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.
This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)
THIS SOFTWARE IS PROVIDED BY ERIC YOUNG "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Regarding Windows notations

The names of operating systems (Japanese versions) used in this manual are as follows.

- Windows 7 is the abbreviation for Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise, Ultimate).
- Windows Vista is the abbreviation for Microsoft® Windows Vista® (Home Basic, Home Premium, Business, Enterprise, Ultimate).
- Windows XP is the abbreviation for Microsoft® Windows® XP Professional operating system and Microsoft® Windows® XP Home Edition operating system.
- Windows 2000 is the abbreviation for Microsoft® Windows® 2000 Professional operating system.

Software license information

The software license information can be viewed on a PC by connecting the product to the PC using the USB cable (provided) and opening the "legal.txt" file.

ATTACHMENT 1

THIRD PARTY SOFTWARE TERMS

1. Notwithstanding anything to the contrary in this Agreement, certain components of the Software are licensed subject to the General Public License Version 2.0, a copy of which is attached as Exhibit A (the "GPL License"). You may not use these components except in compliance with the GPL License. In addition, you may have additional rights with respect to such components under the GPL License, including, without limitation, the right to obtain the source code for such components from us. You may obtain a copy of such source code by contacting us through the contact information provided on the Web Site. We will provide such source code in accordance with the GPL License.

2. Notwithstanding anything to the contrary in this Agreement, certain components of the Software (as defined herein) are licensed subject to the Apache License, Version 2.0, a copy of which is attached as Exhibit B (the "Apache License"). You may not use these components except in compliance with the Apache License. In addition, you may have additional rights with respect to such components under the Apache License. Unless required by applicable law or agreed to in writing, software distributed under the Apache License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the Apache License for the specific language governing permissions and limitations under the Apache License.

3. Notwithstanding anything to the contrary in this Agreement, the Software includes software developed by The FreeType Project ("FreeType Software"). Copyright©2006 THE FREETYPE PROJECT (WWW.FREETYPE.ORG). ALL RIGHTS RESERVED. The FreeType Software is licensed subject to The FreeType Project License, a copy of which is attached as Exhibit C (the "FreeType License"). You may not use these components except in compliance with the FreeType License. In addition, you may have additional rights with respect to such components under the FreeType License.

4. Your biblio Leaf SP02 contains Adobe®Reader®Mobile software under license from Adobe Systems Incorporated, Copyright ©1995-2009 ADOBE SYSTEMS INCORPORATED. ALL RIGHTS RESERVED. Adobe and Reader are trademarks of Adobe Systems Incorporated.

Exhibit A
GPL Version 2
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright ©1989, 1991 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.
This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted

by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

Copyright ©
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright © year name of author

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.

This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program

'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

Exhibit B
Apache License

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. **Definitions**.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. **Grant of Copyright License**. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. **Grant of Patent License**. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. **Redistribution**. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

a. You must give any other recipients of the Work or Derivative Works a copy of this License; and

b. You must cause any modified files to carry prominent notices stating that You changed the files; and

c. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

d. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an

addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. **Submission of Contributions**. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. **Trademarks**. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. **Disclaimer of Warranty**. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. **Limitation of Liability**. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. **Accepting Warranty or Additional Liability**. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner] Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Exhibit C
FreeType License
This software is based in part on the work of the FreeType Team.

The FreeType Project LICENSE

2006-Jan-27 Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg

Introduction

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

We don't promise that this software works. However, we will be interested in any kind of bug reports. ('as is' distribution)

You can use this software for whatever you want, in parts or full form, without having to pay us. ('royalty-free' usage)

You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. ('credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products.

We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

Portions of this software are copyright ©<year> The FreeType Project (www.freetype.org). All rights reserved.

Please replace with the value from the FreeType version you actually use.

Legal Terms

0. Definitions

Throughout this license, the terms 'package', 'FreeType Project', and 'FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the 'FreeType Project', be they named as alpha, beta or final release.

'You' refers to the licensee, or person using the project, where 'using' is a generic term including compiling the project's source code as well as linking it to form a 'program' or 'executable'. This program is referred to as 'a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as

distributed in the original archive.

If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright©1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty

THE FREETYPE PROJECT IS PROVIDED 'AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

2. Redistribution

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

Redistribution of source code must retain this license file ('FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.

Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it.

Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

4. Contacts

There are two mailing lists related to FreeType:

freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at http://www.freetype.org

If you have any other question about third party software of biblio Leaf SP02,
Please welcome to contact with us jack.yj.wu@foxconn.com

Other

The software installed on this product or part of it may not be altered, translated/adapted, reverse-engineered, decompiled or reverse-assembled and any such actions are prohibited.

Sold by: KDDI CORPORATION, Okinawa Cellular Telephone Company
Imported by: KAGA ELECTRONICS CO., LTD
Manufactured by: HON HAI PRECISION IND. CO., LTD

For inquiries, call: au Customer Service Center

For general information and charges (toll free)

From fixed-line phones: **0077-7-111**

From au cell phones: **157** without area code

PRESSING ZERO WILL CONNECT YOU TO AN OPERATOR
AFTER CALLING 157 ON YOUR au CELL PHONE.

For loss, theft or damage and operation information
(toll free)

From fixed-line phones: **0077-7-113**

From au cell phones: **113** without area code

In case above numbers are not available, call toll-free:

0120-977-033 (except Okinawa)

0120-977-699 (Okinawa)

PRINTED WITH SOY INK

This manual is printed with soy oil ink.

モバイル・リサイクル・ネットワーク

Cell phone and PHS operators collect and recycle unused telephones, batteries and battery chargers at stores bearing the mobile recycle network logo regardless of brand and manufacturer to protect the environment and reuse valuable resources.

December 2010, 1st Edition

Sold by: KDDI CORPORATION,
Okinawa Cellular Telephone Company
Imported by: KAGA ELECTRONICS CO., LTD
Manufactured by: HON HAI PRECISION IND. CO., LTD